	,						
	CIC #: 99EPA SUPERFUND	VOUCHER FOR TRANSFERS	PAGE	NO. 001	**********	********	******
	BILLED DATE 02-SEP-2003	BETWEEN APPROPRIATIONS AND/OR FUNDS			*	ACCOUNTS OF	*
	CUSTOMER ORDER NUMBER DW96941975	(AR 37-1)			*		*
		(TA RI/FS) BZ694			*		*
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					*		* .
	D.O. VOUCHER NO. BU VOUCHER NO.	BILL NO. PAID BY CHECK NO	. COLLECTI	ON VOU. NO.	*		*
		27022368			*		*
		PARTIAL # 8 01-AUG-2003 THRU 02	-SEP-2003		*		*
		DILLING OFFI	E (SEND REMITT	TANCE TO.	*		*
	BILLED OFFICE (MAIL TO):	BILLING OFFIC	E (SEND KEMILI	MINCE 10/:	*		*
		USACE FINANCE	CENTED		*		*
	U S ENVIRONMENTAL PROTECTION AGENCY	KANSAS CITY I			*		*
	ACCOUNTING OPERATIONS OFFICE	5720 INTEGRIT			*********	*****	******
	26 W MARTIN LUTHER KING DRIVE	J/20 INIBORIA	1 DK142				
	CINCINNATI OH 45268-7002 ATTN	MILLINGTON 1	'N 38054-5005				
	BILLED ACCOUNTING CLASSIFICATION		BII	LLING ACCOUNTING	CLASSIFICATION		
	x 8145.0000 2002 NA 0000 NA	000000	96 NA X	3122.0000 G5 08	2416 848 012975	96231	
68 20	X 8145.0000 2002 NA 0000 NA	\$28,257.01	20 1	• • • • • • • • • • • • • • • • • • • •			\$28,257.01

LINE	ITEM MOA	DESCRIPTION					
	COMPANIE	TRANSP OF GOVT EMPLOYEES OR OTHER	S DEPOTEM AT	LOW IN TVI. STATUS	& OTH INCIDENTAL T	RVL EXP	\$1,222.30
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURA	IS, FERDIEM ALI	NG SERVICES (AE C	ONTRACTOR EARNINGS)		\$20,796.38
1	CONTRACT - OUTSIDE GOVERNMENT	DEPARTMENTAL OVERHEAD COSTS	II & ENGINEERII	NO DERVICED (III C			\$1,673.86
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHI	באם מספתפ				\$883.43
1	INHOUSE - LABOR		IAD COSIS				\$3,681.04
1	INHOUSE - LABOR	LABOR			SUBTOTA	.L	\$28,257.01
					PARTIAL AMOUNT PA	.ID	\$.00
		PA	YMENT DUE DATE	02-OCT-2003	PAY THIS AMOU	NT	\$28,257.01

CORPS CERTIFICATION

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OF FUND(S) AS INDICATED."

TUgabeth a Buckrucker

Elizabeth A. Buckrucker

CERTIFICATE OF OFFICE BILLED

I CERTIFY THAT THE ABOVE ARTICLES WERE RECEIVED AND ACCEPTED OR THE SERVICES PERFORMED AS \$1,000,000.00 FUNDS AUTHORIZED: \$84,216.90 STATED AND SHOULD BE CHARGED TO THE APPROPRIATION(S) AND/OR FUND(S) AS INDICATED ABOVE, TOTAL BILLED AMOUNT: OR THAT THE ADVANCE PAYMENT REQUESTED IS APPROVED AND SHOULD BE PAID AS INDICATED. \$55,959.89 PREVIOUS BILLED AMOUNT: \$28,257.01 CURRENT BILLED AMOUNT: \$.00 DATE TOTAL FLUX BILLED: AUTHORIZED ADMINISTRATIVE OR CERTIFYING OFFICER \$.00 PREVIOUS FLUX BILLED: \$.00 CURRENT FLUX BILLED:

DA FORM 4445-R APPROVED BY TREASURY -FOR USE IN LIEU OF SF 1080

Site:	Diamond Alkali, Operable Unit 3, Passaic R			ver Study	Phas			, OU3		
Bill No.:	Expansion, New Jer 27022368	sey IAG No.:	DW060	41975 (BZ694) IAG			Expiration Date:		Other Corps	
Bill No	Partial #8	NWK		Date: 9/24/02			31/07	dion Date.	N/A	
Reporting	From:	То:		EPA RPM				USACE PM		
Period: Work Perfor	Aug 1, 2003	Sept 2, 200)3	Alice Yeh				Elizabeth Bu	Buckrucker	
- TOIRT CITO	· -									
This Period	with EP and age work pl	NY for meetings 4-6 Aug 03. Passaic PM Meeting with EPA, COE-NY, and OMR on 4 Aug 03. Meeting PA Public Affairs Division personnel 5 Aug 03. Initial meeting 6 Aug 03, with EPA/COE-NY and OMR ency consultants – "Government/Contractor Kick Off Meeting", which included sharing of work completed, planned and coordination efforts underway and anticipated. ion in public website planning conference call 13 Aug 03 with MPI personnel.								
			-	ference calls with E atus of their work du				2, 19, and 26 A	ug 2003. HydroQual and	
	 Review an 	iew and payment of AE invoices for IAG DW96941915 and IAG DW96941975.								
	 Update of 	pdate of hourly tracking table for AE expenditures.								
	 Participation 	articipation in Passaic PM conference call 15 Aug 03.								
	MPI subm	PI submission of revised project schedule, re-baselined, on 18 Aug 03.								
	submitte	siscussions with MPI/EPA concerning conflict of interest issues for MPI team members and information MPI had submitted on specific personnel. Conference call with EPA ORC for determination held 19 Aug 03. EPA will provide final determination and decision in writing to MPI.								
		erence call for technical expert determination held 27 Aug 03; initial matrix by MPI reviewed; discussions with PI for revisions of this matrix – setup of follow on conference call for team member decision.								
	_	eparation of an expanded WBS for future work tasks; planning for new task order underway. Anticipate SOW with request for proposal to be provided to MPI in early September.								
	l l			ort to detail contract actor submits reports			-		od (some dates may be	
Meetings This	■ Governme	vernment/Contractor Kick Off Meeting – 6 Aug 03; EPA/COE – NY & KC/OMR/consultants					sultants			
Period	■ Telephone	Telephone conference call; Progress Meetings – 12, 19, and 26 Aug 03.								
	 Telephone 	Telephone conference call; Passaic PM Meetings – 15 Aug 03; EPA/COE/OMR.								
 Telephor 		Felephone conference call; Technical Expert Matrix; 27 Aug 03; EPA/COE/MPI/HQI/Battelle.								
	Telephone conference call; conflict of interest; 19 Aug 03; EPA/COE/MPI									
Key Milestones	stones See IAG DW96941915 for milestones completed prior to 1 Jan 03.									
Completed to Da	№ • Negotiation	gotiations with MPI held 6 and 14 Jan 03.								
	■ Task Order	0011 awarded	for \$325,2	262.00 on 11 Mar 03	3					



- MPI submission of updated, re-baselined project schedule on 18 Aug 03.
- Field application memorandum submitted and approved by EPA ORC on 29 Jul 03.
- CAD hard drive obtained from COE-NY was investigated; files reviewed and determined to have no relevant information.
- MERI files were obtained by MPI subcontractor and copied; all copying completed and files to be returned to MERI in early September.
- Database Entity Relationship Diagram was approved by EPA/COE on 30 Jul 03.
- Amendment 1 to the PEAP and QCP submitted on 28 Jul 03.
- Bathymetric information received from the COE NY District in DGN format was converted to CAD format, digitized and put on the web site digital library.
- HQI submitted a memorandum detailing Mass Balance Work Summary; dated 29 Jul 03
- HQI was requested to prepare an analysis of a proposal by Stevens Institute to OMR; HQI provided this analysis on 15 Aug 03
- Other tasks accomplished by HQI include:
 - Upload of data viewer to project web site on 18 Aug 03, consisting of map layers and database file
 - Developed ArcView maps of the SWEM/CARP grid for the region of the Passaic and Hackensack Rivers and Newark Bay. These maps include locations for the time-series plots of the hydrodynamic variables.
 - Water surface elevation, bottom shear stress, surface and bottom temperature, and surface and bottom salinity
 were plotted over the 94-95 USGS water year for three grid cell locations within the 6-mile reach of the study area.
 - Animations were assembled of the physical variables for all of the grid cells in the study area. These have been
 made for water surface elevations, bottom shear stress, temperature and salinity variations, velocity/currents and
 probable areas of erosion and deposition.
- Battelle revised the Evaluation of the HEP/CARP Modeling Framework and submitted final on 25 Aug 03.
- Draft Electronic Data Deliverables (EDD) design document submitted by MPI/Battelle 15 Aug 03.
- An estimate for creating a multiple attribute feature was submitted to the EPA/COE on August 15, 2003; approval
 provided and work began by Battelle.
- Actions Related to Historical Database Conversion Include:
 - Quality Control Plan for Converting Historical NY/NJ Data into PREmis submitted 11 Aug 03); revised according
 to comments; resubmitted final draft
 - Draft Electronic Data Deliverables (EDD) design document submitted by MPI/Battelle 15 Aug 03.
 - Converted of historical data into PREmis structure underway and expected in early September 2003.
- Battelle delivered a list of existing HEP/CARP/D3 user queries to be considered for development into PREmis SQL statements.

Projected Wo	Projected Work, Meetings Milestones through next FY.								
Anticipate modification to Task Order 0011 in late October 2003; RPM recommends Funding the same for now.									
Meetings	 Continuation of Weekly Progress calls and Passaic PM calls. Meeting with CARP Management Committee scheduled for 25 Sep 03. Project visualization meeting planned with HQI; date TBD. 								
Key Milestones Forthcoming	 Project re-start and re-baselining and projection of task under current contracted work. Target to rebaseline schedule in August and provide newly updated schedule of tasks currently under contract. 								

Issues				
Technicat:	CARP database currently unavailable (based on NJDEP concerns) for EPA/Contractor (HydroQual) for use in modeling efforts. EPA has coordinated for MPI and HQI to attend CARP Management Committee meeting on 25 Sep 03 to provide details of data needed to continue work.			
Schedule: Schedule somewhat impacted; HQI required data needed by 30 Sep 03 to keep their work from further delay.				
Funding:	Discussion during transition meeting 12 May 03 with R. Basso and A. Yeh; they do not anticipate additional funds from HQ this FY. Future funding will come from PRP accounts; ORC working on issues that will obtain the funds. Funding spreadsheet was not changed based on decision by RPM. Schedule for receipt of additional funds unknown at this time.			

4	IAG Summary Amendment Funding						
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG	
1,000,000	0	Initial	9/24/02	-	-	\$ 1,000,000	

Note: Technical Assistance IAG; Procurement total = \$825,000; Personnel = \$175,000

Expenditures: USACE & CONTRACT

Summary of Funds Spent Per Activity & Funds Remaining									
Description	Funds For Activity	Funds Disbursed This Month	Funds Disbursed To Date	Funds Remaining					
Contract – Task Order 0011	\$ 325,262.00	\$ 20,796.38	\$ 33,177.79	\$ 292,084.21					
Contract Dollars Available – Not Yet Obligated	\$ 499,738.00	\$0	\$0	\$ 499,738.00					
Kansas City In-House Labor/Travel	\$ 175,000.00	\$ 7,460.63	\$ 51,039.11	\$ 123,960.89					
Totals	\$ 1,000,000.00	\$ 28,257.01	\$ 84,216.90	\$ 915,783.10					

Contract Obligations/Deobligations Plan (FY03)

Contract	Planned	Date	Actual	Date	Notes
DACW41-02-D-0003	\$300,000	1/31/03	\$325,262.00	3/11/03	New task order awarded; Task Order 0011.
DACW41-02-D-0003	1,000,000	10/31/03			Planned amount is estimated; exceeds funds available; work may be negotiated and not obligated.

IAG Scope of Work Summary (block 13 of IAG)

This amendment obligates \$1,000,000 to the U.S. Army Corps of Engineers - Kansas City District for Remedial Investigation and Feasibility Study at the Diamond Alkali OU3 Superfund Site (EPA ID: NJD980528996)

Project Delivery Team

Name	Contact Information	Responsibility
Beth Buckrucker	(816) 983-3581 Cell: (816) 665-9059	Project Manager
Trudy Shannon	(816) 983-3822	Contract Specialist
Pam Wittler-Stichweh	(816) 983-3827	Contracting Officer
Ed Bristow	(816) 983-3583	COR

Elizabeth Buckrucker

Project Manager 816-983-3581 Date: September 23, 2003